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#### SCIENTIFIC JOURNALS.

##### ASTROPHYSICAL JOURNAL, FEB.

*On a Lens for Adapting a Visually Corrected Refracting Telescope to Photographic Observations with the Spectroscope*: JAMES E. KEELER.

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*The Arc-Spectra of the Elements. II. Ger-*

*manium*: H. A. ROWLAND and R. R. TATNALL.

*Comparison of Photometric Magnitudes of the Stars*: EDWARD C. PICKERING.

*The Spectrum of  $\delta$  Cephei*: A. BELOPOLSKY.

*Minor Contribution and Notes; Reviews; Recent Publications.*

#### NEW BOOKS.

*Butterflies and Moths*. W. FURNEAUX. London and New York, Longmans, Green & Co. 1894. Pp. xiv+358. \$3.50

*Elements of Astronomy*. GEORGE W. PARKER. London and New York, Longmans, Green & Co. 1894. Pp. 236. \$1.75.

*Steam and the Marine Steam-Engine*. JOHN LEO. London and New York, Macmillan & Co. 1894. Pp. xiv+196. \$2.50.

*Memoir of Sir Andrew Crombie Ramsay*. SIR ARCHIBALD GEIKIE. London and New York, Macmillan & Co. 1895. Pp. x+397. \$4.00.

*Meteorology*. THOMAS RUSSELL. London and New York, Macmillan & Co. 1895. Pp. xxiii+277. \$4.00.

*The Supremacy of the Spiritual*. EDWARD RANDALL KNOWLES. Arena Publishing Co. 1895. Pp. 61.

*The International Beginning of the Congo Free State*. JESSIE SIDDALL REEVES. Baltimore, Johns Hopkins University Press. 1894. Pp. 106.

*Report of work of the Agricultural Experiment Stations of the University of California; Being a Part of the Report of the Regents of the University*. Sacramento, 1894. Pp. 506.

*The Cause of Warm and Frigid Periods*. C. A. M. TABER. Boston, Ellis. 1894. Pp. 80.

*Electrical Engineering for Electric Light Artisans and Students*. W. SLINGS and A. BROOKER. London and New York, Longmans, Green & Co. New and Revised Edition. 1895. 8°, pp. vii+753. 346 illustrations.